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SERIES A
ANIMAL AND HUMAN HELMINTHOLOGY

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ANIMAL & HUMAN HELMINTHOLOGY

Volume 54, 1985

This journal is prepared by the staff of the Commonwealth Institute of Parasitology, 395A Hatfield Road, St. Albans, Hertfordshire, AL4 0XU, England.

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The provision of information and scientific services in agriculture and related fields will remain the primary functions of C·A·B International. However, the organisation will also be aiming to provide a broader range of services and will be welcoming to membership other countries, including non-Commonwealth countries, which wish to join the traditional Commonwealth country membership.

The organization is controlled by an Executive Council composed of nominees of the various governments, including one for the United Kingdom Dependent Territories.

The work of C·A·B International is largely carried out through a number of Institutes and Bureaux, each dealing with a particular aspect of agricultural science. Enquiries on scientific matters should be sent to the Director Information Services or Director Scientific Services at Headquarters, or to the Director or Officer-in-Charge of the appropriate Institute or Bureau (see addresses below). Other enquiries should be sent to the Director General at Headquarters, or to Liaison Officers in member countries.

A list of Executive Council Members and Liaison Officers will be published in the next issue of this journal.

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Farnham House, Farnham Royal, Slough SL2 3BN, UK
Tel: Farnham Common (02814) 2281 (Sales 2662) (Systems 5807)
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Telegrams: Comag, Slough
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READER'S GUIDE

Helminthological Abstracts, Series A, Animal and Human Helminthology provides a monthly summary of the recent world literature on all aspects of work on parasitic helminths (Monogenea, Aspidobothria, Digenea, Cestoda, Cestodaria, Acanthocephala, Nematoda) including morphology, taxonomy and nomenclature, cytology, biochemistry, development, life-history, ecology and the pathology, immunology, epidemiology and control of the infections they cause.

Coverage also includes the literature on the Nematomorpha, other flat worms (platyhelminths) where they are in a parasitic relationship, aspects of the parasitism of leeches of medical and veterinary importance, and the biology and ecology of molluscan vectors. The literature on marine, free-living and plant-parasitic nematodes and on nematodes parasitic in insects as final hosts is covered by *Helminthological Abstracts, Series B, Plant Nematology*. Areas of interest to parasitologists outside or peripheral to the scope of *Helminthological Abstracts,* such as the biology and control of insect vectors, diseases caused by protozoa or diseases due to bacterial or mycotic infection, are fully covered by other CAB abstract journals, respectively, *Review of Applied Entomology Series B – Medical and Veterinary, Protozoological Abstracts, Veterinary Bulletin* and *Review of Medical and Veterinary Mycology*.

The abstracts enable readers to keep themselves informed of the progress of current work and allow them to decide whether or not they need to see the original document.

Photocopies of most of the papers abstracted are obtainable through the Library of the Commonwealth Institute of Parasitology, but to satisfy copyright regulations enquirers are urged to use a copy of the copyright form printed in the front of each issue of *Helminthological Abstracts*.

Over 2000 serial publications as well as books, reports and theses are regularly examined for relevant material, principally research findings and reviews. Some background papers may be abstracted briefly and others of local or marginal interest are referred to by title only. Authors' summaries are used whenever they are considered suitable. A special effort is made to provide informative abstracts of papers in the less commonly used languages and from less easily obtained journals.

When consulting an entry the reader should remember that the title is an integral part of the abstract and may include information necessary for its full comprehension.

In a typical entry the name(s) of the author(s) are followed by the title of the paper in English. If the paper is written in a language other than English, the English translation of the title is enclosed in square brackets. The title in the original language, if not English, follows, except for Arabic, Chinese, Japanese etc. Cyrillic characters are transliterated for the titles of books but not for the titles of papers. Journal titles are next given in unabbreviated form. The year of issue, in round brackets, the volume number, part number in round brackets, and first and last page numbers of the article complete the basic citation.

Supplementary details given in square brackets include the language of the paper (a two-letter abbreviation with an initial capital) and the language of any summary or summaries in languages other than that of the paper (a similar abbreviation without an initial capital); the number of references, plates, figures, graphs, maps, tables may also be included. The address of the first author is usually given in abbreviated form. Some commonly used abbreviations are listed in this issue.

Conference papers, whether published in book form or as proceedings, appear either as a single general abstract under the classification "Conferences" or as a number of abstracts under appropriate classifications with a single general entry under "Conferences". Conference abstracts are not abstracted.

Every effort is made to achieve consistency in the nomenclature of helminths used in *Helminthological Abstracts*. Preferred names, as defined by the International Commission for Zoological Nomenclature are used in the abstracts (e.g. *Trichuris* rather than *Trichocephalus*), sometimes introduced by square brackets, and also in the subject index. Hosts are usually given as in the original paper although an effort is made to use the Latin name, if it is known, in preference to the common name. Only the well known domestic and laboratory animals are referred to by their common names. Anthelmintics and other medication used for, or associated with, the treatment of helminth infection are usually given in the abstract in the same form as in the original paper, but the preferred form will be used in the subject index.

Within *Helminthological Abstracts* the abstracts are arranged under Classifications that reflect the main emphasis of the work. When more than one aspect is covered in a paper there may be a cross reference between Classifications but the abstract will appear only once. However, the Classification "Morphology, Taxonomy and Nomenclature" and "Control" have higher priority so that abstracts containing descriptions of new taxa or new control methods will appear in these Classifications even if the main part of the work may be appropriate to some other Classification. The Classification must be seen as a rough guide only and reference should be made to the subject index for more specific searching.

The subject index is a parasite-orientated index, so that entries are under parasite and host rather than disease. Thus all papers on schistosomiasis will be indexed under the name of the relevant *Schistosoma* species (see notes for Subject Index for additional information).

Access to most of the papers abstracted in *Helminthological Abstracts* since 1930 is available within the Institute with the aid of cumulated indices, and, along with extensive library holdings of journals, books and reprints, these represent one of the world's most significant collections of information on helminthology. Readers are encouraged to write to the Institute if they have any problems with the helminthological literature or to visit the library themselves to carry out bibliographical research.

On-line facilities are also available for searching all abstracts published since 1973 in *Helminthological Abstracts* and all the other CAB journals. From time to time review articles by authoritative authors are published in *Helminthological Abstracts* and staff of the Institute provide Annotated Bibliographies and other publications in helminthology.

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AUTHOR INDEX

The reference is to the serial number of the citation. No distinction is made between abstract and title-only entries and there are no cross-references to show joint authorship. Thus a paper by "Brown, B.; Jones, A.; Smith, J." would have three separate entries: "Brown, B", "Jones, A.", and "Smith, J.". There is no distinction between subsidiary and senior authors. Apparent inconsistencies may appear in the spelling of authors' names; this is because variations in spelling occur in primary journals. Authors' names in this index are spelt as they appeared in the original paper. If we have knowledge of their identity, alternative versions may also be given.

HELMINTHOLOGICAL ABSTRACTS, SERIES A

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SUBJECT INDEX

Beginning with Volume 52 the structure of the subject index of this journal changed slightly. This was partly due to the development of the *CAB Thesaurus* and partly to the need to conform to a standard index structure common to all CAB journals. Most leading terms therefore conform to the preferred terms as listed in the *CAB Thesaurus* [copies are obtainable from CAB (Central Sales), Farnham House, Farnham Royal, Slough SL2 3BN, UK].

The reference is to the serial number of the citation. No distinction is made between abstract and title-only entries. The leading key word unit in an entry appears in **bold type**. Aggregation of entries sharing identical keyword units is indicated by indentation. Basically there are four levels of indentation – parasite, host, country, subject aspect.

Hosts are indexed under their specific names, where given, except domesticated animals (e.g. cats, pigs, sheep) and where numerous hosts of the same group are listed in the one paper (e.g. Amphibia, birds). The use of alternative scientific names for host or parasite is avoided wherever possible but in cases in which nomenclatorial or taxonomic confusion still exists the same organism may appear under more than one name.

In an index of this kind it is not possible to assume that any chosen entry will necessarily give complete coverage of the subject in question. After consulting the chosen entry it may be necessary to consult index entries for related larger or smaller groupings or for alternative names.

Thus, when the subject matter concerns organisms, whether host or parasite, entries concerned with related group, generic or popular names should be consulted, e.g.

Rodents, see also Animals, Mammals, Muridae, *Rattus*, Vertebrates, etc.

Cestoda, see also Helminths, *Hymenolepis*, Taeniidae etc.

A similar procedure is necessary with geographical entries, e.g.

East Africa, see also Africa, Kenya, Tanzania, Uganda

New records are identified by "new host record" for the first record of the named parasite in the named host and by "new geographic record" for the first record of the named parasite in the named country or region.

Anthelmintics are indexed by their common name (where known), their trade name, protocode number, or by their chemical name. Wherever possible proprietary drugs are cross-referenced to the appropriate common name (as given in Bard, J.H., 1972, "Anthelmintic Index". *Tech. Comm. No. 43 of the Commonwealth Institute of Helminthology*). No classification of the drugs is attempted.